

Technical Requirements

WBS 2.1.1 – Site Work

Date: 11/01/005

Revision Date:

Introduction

The Site Work portion of the project will prepare the project site for subsequent construction, assembly and operational activities.

Requirements

The following requirements have been identified.

1. The Site Work should accommodate the following during the construction phase of the building and enclosure:
 - a. All-weather access for standard construction equipment and machinery including
 - i. Trucks;
 - ii. Backhoes;
 - iii. Graders;
 - iv. Compactors
 - v. Skid-steers;
 - vi. Cranes;
 - vii. Loaders;
 - viii. Grubbing equipment.
 - b. All-weather access and parking for personnel vehicles of up to 35 people.
 - c. Contractor's field office trailers.
 - d. Space for spoil piles.
 - e. Electrical power sufficient for construction activities.
 - f. Telephone communication.
 - g. Potable water.
2. The Site Work should accommodate the following during the detector assembly stage of the project:
 - a. All-weather access for standard construction equipment and machinery including
 - i. 55' long semi-trucks for PVC deliveries;
 - ii. 55' long tanker trucks for scintillator deliveries;
 - b. All-weather access and parking for personnel vehicles of up to 29 people.
 - c. Electrical power sufficient for assembly activities.
 - d. Telephone communication.
 - e. Potable water.
3. The Site Work should accommodate the following during the normal operations:
 - a. All-weather access and parking for personnel vehicles of up to 10 people.
 - b. Electrical power sufficient for normal operations.
 - c. Telephone communication.
 - d. Potable water.